



8312  
PO# RI 8312

January 6, 2005

Gary Wright  
Ash Grove Cement Co  
13939 N Rivergate Blvd.  
Portland, OR 97203

Subject: Tank Cleaning and Oil Recovery Services

Mr. Wright,

Thank you for allowing PSC the opportunity to provide you and Ash Grove information on tank cleaning, oil recovery, and disposal services at your Portland, OR facility. PSC has provided industrial services in the Pacific Northwest for over 30 years and will gladly provide references upon request. We take pride in our ability to deliver exceptional service at competitive rates. All work will be performed by experienced PSC personnel and primarily with company-owned equipment. This work will not be contracted to a third-party.

This proposal includes pricing and scope of work to fully accomplish your goal of safely, effectively, and economically cleaning two onsite storage tanks and recovery of product fuel oil previously purchased by Ash Grove. I am confident that PSC can lower your overall expenses and disposal fees, increase liability protection, and provide a higher level of service to you and your facility by offering turnkey service including disposal of all by-products at the end of the project.

Summary of Benefits and Services Provided by PSC to Ash Grove on this project

- Project management and operations under one company
- Reduced overall costs with onsite processing to recapture fuel already purchased by Ash Grove
- Lower liability with limited material shipped offsite – estimate <3000 gallons of oily water and 40 cubic yards of tank-bottom sediment (after centrifuge processing)

Total project cost, based on key assumptions and information provided by Ash Grove is **\$63,300.00**, or approximately \$0.79/gallon based on 80,000 gallons. Assuming the scope of work does not change, **PSC will bill Ash Grove one lump sum** upon completion of project. Any changes to the Scope of Work and associated costs will be agreed to in writing prior to any start of added work. For your information the general breakout is as follows:

- Centrifuge setup, equipment, labor, and processing – about \$47,300
- Tank cleaning equipment and labor – about \$10,500
- Waste management equipment, transportation, disposal, and labor – about \$5,500

We are currently available to perform this work as early as mid February 2005 and will need advance scheduling notice. Please review the following Scope of Work and additional information and call me direct at (503) 816-7937 to further discuss our options.

Sincerely,

  
Jeff Scott  
Account Representative

625 S 32<sup>ND</sup> STREET, WASHOUGAL, WASHINGTON, 98671  
800-547-2436 TOLL-FREE  
360-835-8872 FAX

Appendix27-000001



**Ash Grove Cement**  
**Budgetary Estimate For Oil Recovery**  
**and Tank Cleaning**

January 2005



## ASH GROVE CEMENT Tank Cleaning and Oil Recovery



### Section 1.0 Introduction

Page 1

This project will consist of mobilizing equipment and personnel to the Ash Grove Cement facility in Portland Oregon to perform liquid-solids separation of used oil, currently held in an Ash Grove tank as non-regulated fuel. Two onsite tanks will be cleaned to acceptable levels as to perform standard thickness testing (testing to be done by customer). The large tank is believed to contain approximately 80,000-gallons of the used oil, which is contaminated with solids. The PSC centrifuge process proposed will remove the majority of the sediments from the oil.

During setup of centrifuge equipment (approx two days), PSC staff will empty and clean small "day" tank. and allow one full day for customer to inspect tank. If additional time is needed for tank repairs, etc., delay in startup will incur additional costs. One option is to have adequate supplemental storage available. This may be rented portable tanks, other onsite tanks, or possibly railcars if available. Additional cost will incur if PSC provides this additional tank space.

The used oil will be pumped directly from the tank currently used to hold the oil, and routed into the centrifuge for separation. The sediments that have been removed from the oil will be conveyed into solids storage containers for later off-site transportation to a disposal facility. The oil from the centrifuge will be pumped into the now-clean day tank for later use as fuel in the plant.

The project is estimated to start in February 2005. PSC will work 12-hour days during the mobilization, set-up, tank dismantle, decontamination, and cleaning phases. While centrifuge processing, PSC will work two 12-hour shifts per day (i.e. 24 hrs/day).

This proposal is based upon a bench scale treatability study of sample received by customer, volume and condition information provided by customer, past experience with similar projects, and key assumptions. Key assumptions include

- Volume of approximately 80,000 gallons, including bottom sediment and sludge
- All liquid and solid wastes will be managed as non-hazardous waste as defined by RCRA and ORDEQ
- PSC will have use of small tank during centrifuge operations
- Ash Grove to provide sufficient storage for processed oil
- Tank-bottom sludge is pumpable

Changes to the field conditions that have been assumed may require operational and cost changes.

Total Project Cost: \$63,300.00

*The following abbreviated steps shall be implemented to accomplish the scope of work:*

1.0 PSC will mobilize PSC's 2-phase centrifuge unit to the Ash Grove Plant and set up the system in an area adjacent to the tank currently used to hold the sediment-contaminated oil. PSC assumes that all tanks will no longer be in service, and will be made available to PSC throughout the entire project.

2.0 PSC assumes that the tank currently used to hold the contaminated oil will have a low-suction point suitable for attaching a 3" suction hose. The suction hose will be routed to the centrifuge feed pump, and the couplings secured to prevent accidental uncoupling during use. Other 3" hoses will be used to route the centrifuge oil effluent to the discharge point.

3.0 PSC staff will clean small day tank while centrifuge and support equipment is set up (two days)

4.0 Once PSC has completed set-up of the support equipment and installed temporary spill protection under the equipment, PSC will connect the centrifuge system to an electrical generator that will be used to supply power. The equipment will be started to check rotation, and corrected as necessary.

5.0 After all equipment has been connected, and all hoses have been routed as needed, the centrifuge system will be started, and processing will commence by pumping the contaminated oil from the tank with the centrifuge feed pump, and routing the oil into the centrifuge manifold. A liquid polymer may be injected at the centrifuge manifold in order to increase separation efficiency, however, PSC will begin by attempting to avoid usage of the polymer. As the contaminated oil enters the centrifuge, the centrifugal force generated by the centrifuge will separate the liquid and solids phases of the oil. The solid phase will be conveyed from the centrifuge, and will be placed into solids storage containers, assumed to consist of 20 cubic yard roll-off boxes. The liquid phase will be pumped from the centrifuge to the designated discharge point (day tank), assumed to be within 100' of the centrifuge process site. If the discharge point is greater than 100' from the centrifuge, additional pumps and hoses will be needed at additional costs.

6.0 Processing with the centrifuge will continue, using two 12-hour shifts per day, until suction is lost at the tank currently used to store the oil. Once manned entry is needed to remove remaining residuals from the tank, then a temporary storage and mixing tank will be used to process the final solids and sediments. PSC will provide this mix-tank.

7.0 Once the centrifuge processing is complete, PSC will need to use a fresh water supply, provided by Ash Grove Cement, to flush out the hoses, piping, and equipment used in the process. The rinsate from this flush will be pumped into an onsite tanker/vacuum truck (provided by PSC) and disposal of a non-regulated oily water.

8.0 PSC staff will then perform a final cleaning of large tank in order to perform standard thickness testing by customer.

9.0 After decontamination of the equipment, PSC will dismantle the equipment, and load the equipment as needed for removal from the site.

10.0 PSC's Project Manager will submit all final project documentation to the client.

### **Section 3.0 Equipment Lists**

Page 3

*PSC shall provide the following in support of this project:*

- 1.0 Centrifuge process unit, skid or trailer mounted
- 2.0 Centrifuge feed and effluent pumps
- 3.0 200' of 3" vacuum hose with fittings
- 4.0 PPE and safety equipment for PSC personnel
- 5.0 One lot pipe fittings and hand tools
- 6.0 Per diem as needed for PSC personnel
- 7.0 Spill guards for PSC equipment
- 8.0 One lot miscellaneous hoses
- 9.0 One Project Manager
- 10.0 Operators and Labors as needed to complete project in estimated timeline
- 11.0 One 480-volt diesel powered electrical generator and needed compressors
- 12.0 Two pick-up trucks and/or gear truck
- 13.0 Transportation of equipment and personnel to & from the site
- 14.0 Polymer as needed
- 15.0 Diesel fuel for the generator
- 16.0 Solid effluent storage containers as needed
- 17.0 Discharge point and disposal of the water rinsate used to decontaminate process equipment
- 18.0 Transportation and disposal of up to 2500 gallons wastewater and 40 cubic yards of non-hazardous sediments/solids generated from processing
- 19.0 All confined-space related equipment, including ventilator, fall protection, and lighting
- 20.0 All air-moving and vacuum tanker equipment as needed

*Client or others to provide the following in support of this project:*

- 1.0 1.5" supply of 75-PSI or similar fire or fresh water at the tank site
- 2.0 Flat, compacted area adjacent to tank for set-up of PSC's equipment
- 3.0 Discharge point(s) within 100' of the process site for the effluent oil generated from processing
- 4.0 Access to the site 24-hours per day, 7-days per week
- 5.0 Isolation and blinding of the tank if necessary
- 6.0 Wash pad or similar area for use by PSC to decontaminate equipment as needed

### **Section 4.0 Expected Criteria & Field Results**

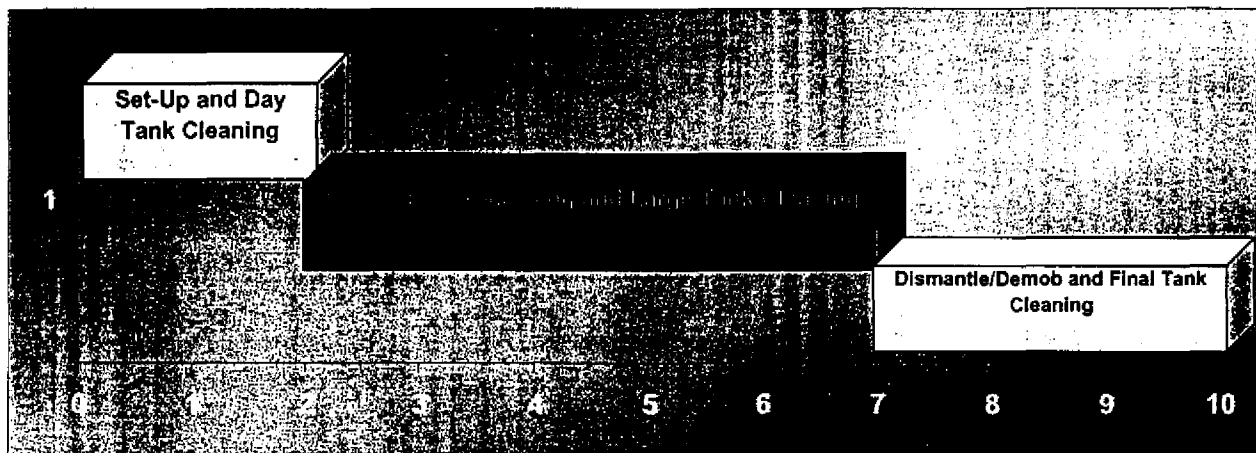
PSC anticipates certain criteria and results to be achieved during this project. These criteria and results may be generally defined as:

- 1.0 PSC will provide centrifugal separation of the sediment-contaminated waste oil, and will generate a liquid and solid effluent from process activities, including all labor, equipment needed to successfully complete Scope of Work
- 2.0 Centrifuge oil effluent shall contain less than 2% sediment as measured by a Basic Sediment & Water Analysis
- 3.0 PSC shall provide support and tank cleaning as needed for the project
- 4.0 PSC's Project Manager shall communicate on a daily basis with client representative



### Section 5.0 Estimated Project Timeline & Schedule

The following chart represents the estimated project timeline and schedule:



Project Phases



Centrifuge System

TASK	TASK DESCRIPTION	ESTIMATED DAYS TO COMPLETE
1	Set-Up Eq. And clean small tank	2
2	Process Oil	5
3	Decontaminate Eq.	1
4	Dismantle Eq. And clean large tank	2



ASH GROVE CEMENT PROJECT TERMS & CONDITIONS

Page 5

**NUMBER      PROJECT TERMS AND/OR CONDITIONS**

- 1**    PSC shall not be responsible for delays - delays beyond the direct control of PSC caused by other than PSC shall be subject to a standby charge per rates
- 2**    PSC has used all of the enclosed sections of this estimate in order to generate estimated costs for this project
- 3**    PSC reserves the right to modify the scope of work at any time to ensure the safety of PSC personnel
- 4**    PSC reserves the right to make changes to the work scope to increase efficiency or to adapt to changing conditions
- 5**    PSC requires written notification and confirmation of receipt and acceptance of these terms via email or fax before scheduling & mobilization can commence
- 6**    PSC assumes that the site will be prepared and ready for PSC's use upon PSC's arrival at the site, and that all requested utilities shall be available
- 7**    PSC has a sample of the material, and has based the estimate upon bench scale treatability studies of the sample and other information
- 8**    Significant changes to the material may result in a change of field conditions and as such may be subject to cost increases
- 9**    PSC's Project Manager or designated representative shall make a determination of changed conditions, and will notify the client in advance prior to cost increases
- 10**   PSC's standard payment terms are net-30 days from date of PSC's invoice
- 11**   PSC shall periodically invoice and shall base invoicing on work progress as determined by PSC's Project Manager or designated representative
- 12**   PSC assumes that adequate notice to proceed shall be given to PSC by the client in order to arrange for scheduling of PSC resources for this project
- 13**   PSC assumes that the centrifuge will process approximately 80,000-gallons of oil
- 14**   PSC shall not be responsible for other than the criteria included herein
- 15**   Severe weather may slow operations and result in added time frames and associated cost increases



January 27, 2005

Gary Wright  
Ash Grove Cement Co  
13939 N Rivergate Blvd.  
Portland, OR 97203

**Subject: Update - Tank Cleaning and Oil Recovery Services**

Mr. Wright,

Thank you for reviewing our original proposal and hosting a subsequent site visit with Kenn Kodysz, PSC Reduction Technology Manager, and myself. As a follow-up to that meeting, we are gathering additional information on three main topics: safety training, thickness testing, and alternate disposal scenario if solids designate as hazardous waste. Please note that PSC is fully prepared and capable to manage all waste in the unlikely event the waste is designated hazardous.

We are gathering information on our ability to satisfy the MSHA requirements for this job and will forward as soon as possible. As for the thickness testing, we do not have qualified staff available to do this work and subcontract this service for our own tank requirements. We use Corrosion Control Specialist, who can perform the work for less than \$1000.00, including providing all thickness testing equipment, in-tank labor, and providing a written report of findings and recommendations. In addition to using their testing equipment, they can also use your ultrasonic equipment in order to compare accuracy for your future onsite use. This cost is as a subcontractor to us, or I can put you in direct contact with them.

As soon as solids are available, PSC will gather a composite sample and request rush analytical results from North Creek Analytical (NCA) in Beaverton, OR. We have competitive contract rates with NCA and will invoice Ash Grove our actual cost plus 10%. Please see Table 1 for transportation and disposal costs pending sample results.

Table 1, Transportation and Disposal Rates

Waste Description	Transportation Costs (per trip)	Disposal Costs (per ton)	Disposal Method and TSD Facility Location
Non-RCRA, <49 ppm PCB's	\$750.00	\$35.00	Landfill, Hillsboro, OR
>49 ppm PCB's	\$850.00	\$115.00	Landfill, Arlington, OR
RCRA metals, <10 ppm PCB's	\$850.00	\$175.00	Stabilization and Landfill, Kent, WA
RCRA Metals, 10-49 ppm PCB's	\$850.00	\$1,600.00	Destructive Incineration, Kent, WA
<5,000 BTU	\$850.00	\$885.00	Solid Fuel, Kent, WA
>5,000 BTU	\$850.00	\$1,600.00	Destructive Incineration, Kent

RCRA Metals include Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver at or above the Toxicity Characteristic levels as listed in 40 CFR Part 261.24. Material with >50 ppm PCB's is assumed TSCA-regulated and must be incinerated.

Please call me direct at (503) 816-7937 if you have questions or to further discuss our options.

Sincerely,

Jeff Scott  
Account Representative





## CERTIFICATE OF ANALYSIS

CLIENT: Phillips Services  
ATTN: Jeff Scott  
625 S. 32nd Street  
Washougal WA, 98671

PROJECT NAME: Ash Grove Project

PHONE: (360) 835-8594  
FAX: (360) 835-8872

SUBMITTED: 05/18/05 11:01

REPORT DATE: 05/23/05 14:32

REPORT NUMBER: 5051804

PAGE: 1 OF 1

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
5051804-01	Tank Bottoms	05/18/2005	1030	Other(Sld)

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
5051804-01	SAMPLE ID: Tank Bottoms						
Volatile Organics by Gas Chromatography/Mass Spectroscopy							
TCLP VOLATILES	EPA 8260	BENZENE	0.6	mg/L	0.002	PA	05/19/2005 13:29
		CARBON TETRACHLORIDE	ND	mg/L	0.002		
		CHLOROBENZENE	ND	mg/L	0.002		
		CHLOROFORM	ND	mg/L	0.002		
		1,4-DICHLOROBENZENE	ND	mg/L	0.002		
		1,2-DICHLOROETHANE	ND	mg/L	0.002		
		1,1-DICHLOROETHENE	ND	mg/L	0.002		
		METHYL ETHYL KETONE	ND	mg/L	0.002		
		TETRACHLOROETHYLENE	0.007	mg/L	0.002		
		TRICHLOROETHENE	0.01	mg/L	0.002		
		VINYL CHLORIDE	ND	mg/L	0.002		
		PYRIDINE	ND	mg/L	0.002		
		Surrogate: Dibromofluoromethane	118 %	%RECOVERY	50-150		
		Surrogate: Fluorobenzene	119 %	%RECOVERY	50-150		
		Surrogate: Chlorobenzene-d5	102 %	%RECOVERY	50-150		
		Surrogate: 1,4-Dichlorobenzene-d4	84.7 %	%RECOVERY	50-150		

## General Petroleum Analysis

BTU	ASTM D-240	HEAT OF COMBUSTION (GROSS)	5970	BTU/Lb	200	PA	05/18/2005 13:17
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Richard D. Reid - Laboratory Director



# CERTIFICATE OF ANALYSIS

CLIENT: Phillips Services  
ATTN: Jeff Scott  
625 S. 32nd Street  
Washougal WA, 98671

PROJECT NAME: Phillip Services - Ash Grove

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FAX: (360) 835-8872

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SUBMITTED: 04/29/05 15:18

REPORT DATE: 05/04/05 16:01

REPORT NUMBER: 5042905

PAGE: 1 OF 2

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
5042905-01	4-29-05 Tank Bottom Solids	04/29/2005	1330	Other(Sld)
5042905-02	4-29-05 Oil/Water Mix	04/29/2005	1330	Oil

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
<b>5042905-01 SAMPLE ID: 4-29-05 Tank Bottom Solids</b>							
Total Mercury by Cold Vapor Atomic Absorption							
MERCURY CV AF	EPA 245.7/1631	MERCURY	ND	mg/L	0.0138	BKB	05/04/2005 14:22
Toxicity Characteristics Leachate Procedure (TCLP) Metals							
ARSENIC, TCLP - ICP EPA 200.7/60108		ARSENIC	ND	mg/L	0.010	BKB	05/03/2005 11:58
BARIUM, TCLP - ICP		BARIUM	0.21	mg/L	0.020	BKB	05/03/2005 11:58
CADMIUM, TCLP - ICP		CADMIUM	ND	mg/L	0.020	BKB	05/03/2005 11:58
CHROMIUM, TCLP - ICP		CHROMIUM	ND	mg/L	0.010	BKB	05/03/2005 11:58
LEAD, TCLP - ICP		LEAD	ND	mg/L	0.040	BKB	05/03/2005 11:58
SELENIUM, TCLP - ICP		SELENIUM	ND	mg/L	0.070	BKB	05/03/2005 11:58
SILVER, TCLP - ICP		SILVER	ND	mg/L	0.080	BKB	05/03/2005 11:58

## Semi-Volatile Organics by Gas Chromatography/ECD

PCBs 8082	EPA 8082	AROCHLOR 1016	ND	mg/kg	1.48	DM	05/03/2005 13:40
		AROCHLOR 1221	ND	mg/kg	1.48		
		AROCHLOR 1232	ND	mg/kg	1.48		
		AROCHLOR 1242	ND	mg/kg	1.48		
		AROCHLOR 1248	ND	mg/kg	1.48		
		AROCHLOR 1254	ND	mg/kg	1.48		
		AROCHLOR 1260	ND	mg/kg	1.48		
		Surrogate: 2,4,5,6-Tetrachloro-m-xylene	153 %	%RECOVERY	50-155		

## General Petroleum Analysis

BTU	ASTM D-240	HEAT OF COMBUSTION (GROSS)	7720	BTU/Lb	200	PA	05/04/2005 11:24
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## 5042905-02 SAMPLE ID: 4-29-05 Oil/Water Mix

## Semi-Volatile Organics by Gas Chromatography/ECD

PCBs 8082	EPA 8082	AROCHLOR 1016	ND	mg/kg	2.00	DM	05/03/2005 13:40
		AROCHLOR 1221	ND	mg/kg	2.00		
		AROCHLOR 1232	ND	mg/kg	2.00		
		AROCHLOR 1242	ND	mg/kg	2.00		
		AROCHLOR 1248	ND	mg/kg	2.00		
		AROCHLOR 1254	ND	mg/kg	2.00		
		AROCHLOR 1260	ND	mg/kg	2.00		
		Surrogate: 2,4,5,6-Tetrachloro-m-xylene	126 %	%RECOVERY	50-150		

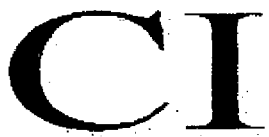
## General Petroleum Analysis

BTU	ASTM D-240	HEAT OF COMBUSTION (GROSS)	ND	BTU/Lb	200	PA	05/04/2005 11:24
TX-PETROLEUM	ASTM D-4929	TOTAL HALIDES AS Cl	2900	mg/L	10	PA	05/04/2005 11:17

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REPORT NUMBER: 5042905

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Appendix27-000011



# CERTIFICATE OF ANALYSIS

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PROJECT NAME: Phillp Services - Ash Grove

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SUBMITTED: 05/06/05 13:50

REPORT DATE: 05/10/05 11:04

REPORT NUMBER: 5050606

PAGE: 1 OF 2

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
5050606-01	Ashgrove #1	05/06/2005	0000	Oil

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
5050606-01	SAMPLE ID: Ashgrove #1						
Volatile Organics	by Gas Chromatography/Mass Spectroscopy						
VOC 8260	EPA 8260	BENZENE	120	mg/L	4.4	PA	05/09/2005 22:20
		BROMOBENZENE	ND	mg/L	4.4		
		BROMOCHLOROMETHANE	ND	mg/L	4.4		
		BROMODICHLOROMETHANE	ND	mg/L	4.4		
		BROMOFORM	ND	mg/L	4.4		
		BROMOMETHANE	ND	mg/L	4.4		
		N-BUTYLBENZENE	35	mg/L	4.4		
		sec-BUTYLBENZENE	ND	mg/L	4.4		
		tert-BUTYLBENZENE	ND	mg/L	4.4		
		CARBON TETRACHLORIDE	ND	mg/L	4.4		
		CHLOROBENZENE	ND	mg/L	4.4		
		CHLOROETHANE	ND	mg/L	4.4		
		CHLOROFORM	ND	mg/L	4.4		
		CHLOROMETHANE	ND	mg/L	4.4		
		2-CHLOROTOLUENE	ND	mg/L	4.4		
		4-CHLOROTOLUENE	ND	mg/L	4.4		
		DIBROMOCHLOROMETHANE	ND	mg/L	4.4		
		1,2-DIBROMO-3-CHLOROPROPANE	ND	mg/L	4.4		
		1,2-DIBROMOETHANE	ND	mg/L	4.4		
		DIBROMOMETHANE	ND	mg/L	4.4		
		1,2-DICHLOROBENZENE	ND	mg/L	4.4		
		1,3-DICHLOROBENZENE	ND	mg/L	4.4		
		1,4-DICHLOROBENZENE	ND	mg/L	4.4		
		DICHLORODIFLUOROMETHANE	ND	mg/L	4.4		
		1,1-DICHLOROETHANE	ND	mg/L	4.4		
		1,1-DICHLOROETHENE	ND	mg/L	4.4		
		CIS-1,2-DICHLOROETHENE	ND	mg/L	4.4		
		TRANS-1,2-DICHLOROETHENE	ND	mg/L	4.4		
		1,2-DICHLOROPROPANE	ND	mg/L	4.4		
		1,3-DICHLOROPROPANE	ND	mg/L	4.4		
		2,2-DICHLOROPROPANE	ND	mg/L	4.4		
		1,1-DICHLOROPROPENE	ND	mg/L	4.4		
		1,2-DICHLOROETHANE	ND	mg/L	4.4		
		CIS-1,3-DICHLOROPROPENE	ND	mg/L	4.4		
		TRANS-1,3-DICHLOROPROPENE	ND	mg/L	4.4		
		ETHYLBENZENE	140	mg/L	4.4		
		HEXACHLOROBUTADIENE	ND	mg/L	4.4		
		ISOPROPYLBENZENE	17	mg/L	4.4		
		P-ISOPROPYLTOLUENE	9.7	mg/L	4.4		
		METHYLENE CHLORIDE	ND	mg/L	4.4		
		NAPHTHALENE	89	mg/L	4.4		
		N-PROPYLBENZENE	79	mg/L	4.4		
		STYRENE	ND	mg/L	4.4		
		1,1,1,2-TETRACHLOROETHANE	ND	mg/L	4.4		
		1,1,2,2-TETRACHLOROETHANE	ND	mg/L	4.4		

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# CERTIFICATE OF ANALYSIS

REPORT DATE: 05/10/05 11:04

REPORT NUMBER: 5050606

PAGE: 2 OF 2

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME
5050606-01	SAMPLE ID: Ashgrove #1						
Volatile Organics by Gas Chromatography/Mass Spectroscopy							
VOC 8260	EPA 8260	TETRACHLOROETHENE	34	mg/L	4.4	PA	05/09/2005 22:20
		TOLUENE	610	mg/L	4.4		
		1,2,3-TRICHLOROBENZENE	ND	mg/L	4.4		
		1,2,4-TRICHLOROBENZENE	ND	mg/L	4.4		
		1,1,1-TRICHLOROETHANE	ND	mg/L	4.4		
		1,1,2-TRICHLOROETHANE	ND	mg/L	4.4		
		TRICHLOROETHENE	ND	mg/L	4.4		
		TRICHLOROFLUORMETHANE	ND	mg/L	4.4		
		1,2,3-TRICHLOROPROPANE	ND	mg/L	4.4		
		1,2,4-TRIMETHYLBENZENE	420	mg/L	4.4		
		1,3,5-TRIMETHYLBENZENE	130	mg/L	4.4		
		VINYL CHLORIDE	ND	mg/L	4.4		
		M- & P-XYLENE	600	mg/L	4.4		
		O-XYLENE	290	mg/L	4.4		
		Surrogate: Dibromofluoromethane	118 %	%RECOVERY	50-150		
		Surrogate: Fluorobenzene	126 %	%RECOVERY	50-150		
		Surrogate: Chlorobenzene-d5	92.8 %	%RECOVERY	50-150		
		Surrogate: 1,4-Dichlorobenzene-d4	81.5 %	%RECOVERY	50-150		
General Petroleum Analysis							
TX-PETROLEUM	ASTM D-4929	TOTAL HALIDES AS Cl	1500	mg/L	10	PA	05/09/2005 10:41

COPY

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Authorized for Release By: Richard D. Reid - Laboratory Director

Philip Services, Corporation

Page 1

**Generator's Waste Profile 343810-00**

Status: PENDING

**PSC**

Starts : 06 JUN 2005

Expires : 30 JUN 2006

Sales Rep 0012 Linda Wimmer

Acct Mngr 027 Karri Moury

**A: GENERATOR ( 59594 ) SITE INFORMATION**

ASH GROVE CEMENT CO. RIVERGATE LIME PLANT  
13939 N RIVERGATE BLVD  
PORTLAND, OR 97203  
> Contact GLENN DOLLAR

EPA ORD027707258  
SIC 9999 N  
Phone (503) 286-1677 x243

**B: CUSTOMER ( ZZALWK ) INFORMATION**

PSC-KELSO  
1806 BAKER WAY LOOP (US)  
KELSO, WA 98626

**C: WASTE INFORMATION**

On File &gt; MSDS No Analysis Yes Sample No

Waste Name CLEAN UP DEBRIS FROM OIL TANK CLEANING JOB  
Process CLEAN OIL TANK

**D: PHYSICAL CHARACTERISTICS OF WASTE**

Phys States S-Sol Top Color VARIES  
Mid Color  
Bot Color

Odor Mild OIL  
Layers Single Phased  
Spec Grav 1.4

PH Range NA  
Free Liq % 0  
Flash Test NT  
Flash Range Not Tested

**E: CHEMICAL COMPOSITION OF WASTE**

Information Provided By Generator

ABSORBENT	( 10 - 80 % )	SOLIDIFIED OIL/WATER MIX	( 5 - 50 % )
PPE	( .5 - 15 % )	DEBRIS	( 10 - 25 % )
TRASH	( 5 - 40 % )		

PCB's NP	Cyanides NP	Phenolics NP	Sulfides NP	TOC	>10%	VOC	<500 PPM
----------	-------------	--------------	-------------	-----	------	-----	----------

**F: METALS METHOD Gen Knowledge**

Arsenic <5	Mercury TCLP <0.2	Lead <5	Chromium <5	Silver <5	Zinc
Barium <100			Selenium <1	Nickel	Copper
			Mercury Tot	Thallium	Chromium-6

**G: OTHER CHARACTERISTICS OF WASTE**

Ign. Solid	No	Oxidizer	No	Explosive	No	Shock Sensitive	No	Water Reactive	No	Reactive	No
------------	----	----------	----	-----------	----	-----------------	----	----------------	----	----------	----

**H: EPA / STATE WASTE IDENTIFICATION**

Dangerous / Hazardous	No	TSCA	No	Universal Waste	No
Form W400	Source G07	Origin 1	SubPart CC No	NESHAPS	No
			CERCLA	No	Debris
				No	Waste Water
				No	

EPA Codes  
State Codes

**I: SHIPPING INFORMATION**

Marine Pollutant	No	Dangerous Wet	No	Inhalation Hazard	No	Poison	No
------------------	----	---------------	----	-------------------	----	--------	----

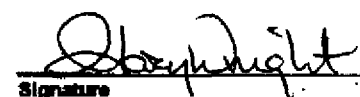
Containers	CM Metal	Qty to Ship Now	20 YARDS	Projected Volume	1/Onetime
------------	----------	-----------------	----------	------------------	-----------

DOT Descrip MATERIAL NOT REGULATED BY DOT

**J: SPECIAL HANDLING INFORMATION****GENERATOR CERTIFICATION**

I hereby certify, as an authorized representative of the Generator named above, that BEI has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.

If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing.

	Gary Wright	Plant Mngr	11 6/7/05
Signature	Printed Name	Title	Date

Philip maintains the requisite permits and agrees to accept this waste stream, as described.

# INVOICE

PSC INDUSTRIAL OUTSOURCING INC  
1806 BAKER WAY LOOP  
KELSO WA 98626  
1 (360) 423-0260

Invoice Number 13608706

Invoice Date 07/21/05  
Customer Number 1124634  
Batch Number 843308  
Page 1

## Bill To:

ASH GROVE CEMENT (C/S)  
4098 N. PORT CENTER ROAD  
PORTLAND OR 97217

## Sold To:

ASH GROVE CEMENT (C/S)  
4098 N. PORT CENTER ROAD  
PORTLAND OR 97217

	Description	Units	UM	Unit Price	Amount
Work Order: 00611584 05/31/05					
MOB TO PORTLAND					
	COLUMBIA INSPECTION	1.00	EACH	297.00	297.00
	PER DIEM OVERNIGHT STAY	4.00	EACH	80.00	320.00
	PSC KENT DISPOSAL	1.00	EACH	2802.14	2,802.14
165080	TRUCK CREW CAB	11.00	HOUR	10.00	110.00
	OPERATOR - S/T	5.50	HOUR	24.00	132.00
	SUPERVISOR - S/T	5.50	HOUR	43.50	239.25
	TECH/LABORER - S/T	11.00	HOUR	22.50	247.50
TOTAL Work Order: 00611584					4,147.89
Work Order: 00611586 06/01/05					
CLEAN BAKER TANK					
	CASCADE GENERAL	8,497.00	GALLON(S)	.19	1,588.94
288102	LIQUID VACUUM 120BBL	8.00	HOUR	42.00	336.00
165514	LIQUID VACUUM 70BBL	8.00	HOUR	36.75	294.00
	PER DIEM OVERNIGHT STAY	4.00	EACH	80.00	320.00
165612	PRESSURE WASHER, 3K	6.00	HOUR	30.00	180.00
165705	STEAMER	2.00	HOUR	40.00	80.00
165093	TRUCK CREW CAB	4.00	HOUR	10.00	40.00
	16.5% DIESEL SURCHARGE	1.00	*	103.95	103.95
	OPERATOR - S/T	8.00	HOUR	24.00	192.00
	SUPERVISOR - S/T	4.00	HOUR	43.50	174.00
	TECH/LABORER - S/T	16.00	HOUR	22.50	360.00
TOTAL Work Order: 00611586					3,668.89
Work Order: 00611587 06/02/05					
CLEAN & DISPOSAL					
288102	LIQUID VACUUM 120BBL	8.00	HOUR	42.00	336.00
165514	LIQUID VACUUM 70BBL	4.00	HOUR	36.75	147.00
	PER DIEM OVERNIGHT STAY	4.00	EACH	80.00	320.00
165612	PRESSURE WASHER, 3K	6.00	HOUR	30.00	180.00
165705	STEAMER	4.00	HOUR	40.00	160.00
165093	TRUCK CREW CAB	4.00	HOUR	10.00	40.00
	16.5% DIESEL SURCHARGE	1.00	*	79.70	79.70
	OPERATOR - S/T	11.00	HOUR	24.00	264.00
	SUPERVISOR - S/T	11.00	HOUR	43.50	478.50
	TECH/LABORER - S/T	22.00	HOUR	22.50	495.00
TOTAL Work Order: 00611587					2,500.20
Work Order: 00611588 06/03/05					

Handwritten signature and date: 8/1/05

# INVOICE

PSC INDUSTRIAL OUTSOURCING INC  
1806 BAKER WAY LOOP  
KELSO WA 98626  
1 (360) 423-0260

Invoice Number 13608706

Invoice Date 07/21/05  
Customer Number 1124634  
Batch Number 843308  
Page 2

## Bill To:

ASH GROVE CEMENT (C/S)  
4098 N. PORT CENTER ROAD  
PORTLAND OR 97217

## Sold To:

ASH GROVE CEMENT (C/S)  
4098 N. PORT CENTER ROAD  
PORTLAND OR 97217

	Description	Units	UM	Unit Price	Amount
CLEAN & DISPOSAL					
288102	LIQUID VACUUM 120BBL	8.00	HOUR	42.00	336.00
165514	LIQUID VACUUM 70BBL	5.00	HOUR	36.75	183.75
	PER DIEM OVERNIGHT STAY	3.00	EACH	80.00	240.00
165612	PRESSURE WASHER, 3K	4.00	HOUR	30.00	120.00
165705	STEAMER	4.00	HOUR	40.00	160.00
165093	TRUCK CREW CAB	4.00	HOUR	10.00	40.00
	16.5% DIESEL SURCHARGE	1.00	*	85.76	85.76
	OPERATOR - S/T	12.00	HOUR	24.00	288.00
	SUPERVISOR - S/T	12.00	HOUR	43.50	522.00
	TECH/LABORER - S/T	18.00	HOUR	22.50	405.00
TOTAL Work Order: 00611588					2,380.51
Work Order: 00611590	06/04/05				
CLEAN & DISPOSAL					
165514	LIQUID VACUUM 70BBL	8.00	HOUR	36.75	294.00
	PER DIEM OVERNIGHT STAY	1.00	EACH	80.00	80.00
165093	TRUCK CREW CAB	8.00	HOUR	10.00	80.00
	16.5% DIESEL SURCHARGE	1.00	*	48.51	48.51
	OPERATOR - O/T	13.00	HOUR	33.25	432.25
	SUPERVISOR - O/T	8.00	HOUR	61.25	490.00
	TECH/LABORER - O/T	13.00	HOUR	31.00	403.00
TOTAL Work Order: 00611590					1,827.76
Work Order: 00611591	06/06/05				
CLEAN & DISPOSAL					
	PER DIEM OVERNIGHT STAY	2.00	EACH	80.00	160.00
165612	PRESSURE WASHER, 3K	8.00	HOUR	30.00	240.00
165080	TRUCK CREW CAB	2.00	HOUR	10.00	20.00
	SUPERVISOR - S/T	14.00	HOUR	43.50	609.00
TOTAL Work Order: 00611591					1,029.00
Work Order: 00611592	06/07/05				
CLEAN & DISPOSAL					
	BAKER TANK RENTAL	1.00	EACH	2217.60	2,217.60
	NRC ENVIRONMENTAL SERVICES	1.00	EACH	2635.60	2,635.60
	PACIFIC POWER VAC	1.00	EACH	7897.60	7,897.60
165080	TRUCK CREW CAB	5.00	HOUR	10.00	50.00
	WASCO LANDFILL	1.00	EACH	11066.42	11,066.42
	SUPERVISOR - S/T	5.00	HOUR	43.50	217.50
TOTAL Work Order: 00611592					24,084.72

## Send Payment To:

PSC INDUSTRIAL OUTSOURCING INC  
P O BOX 3070  
HOUSTON TX 77253-3070

Amount USD

Pre-Tax Total Amount	Total Tax Amount	Total Invoice Amount
39,638.97		39,638.97

## Payment Terms:

Net 30 Days



# Appointment Schedule (CEG)

Page: 1

Metro Central Hazardous Waste  
6161 NW 61st Ave.  
Portland, OR 97210  
Phone: 223-8133 Fax: 223-8020

Metro South Hazardous Waste  
2001 Washington St.  
Oregon City, OR 97046  
Phone: 655-0480 Fax: 655-2699

Company: Ash Grove Cement Co

Current Date: 5/1/2008

EPA/DEQ #: 556

Inventory Date: 4/29/2008

Site: Central H2W

Appt Date: 5/5/2008

At: 11:00 AM

Payment: No Charge

Credit Account:

Line #	Cost Code	# of Containers	Container Size	Units	% Full	Line Total
1	HG4	21	2.00	oz	100.00	\$45.00
2	credit	54	1.00	\$	100.00	(\$54.00)
General and administrative cost:						\$0.50
Total weight: 2.63 lbs.						Subtotal: (\$8.50)
						Scalehouse transaction fee: \$8.50
						Total: \$0.00

Date Accepted:

5-5-08

Received by:  
(print)

gh

Please Check

- ☐ H2W copy
- ☐ Customer copy
- ☐ Scalehouse copy

Please keep this receipt for your records.  
Please pay when leaving facility.

## Legend:

AF1/AF2/AFL Flammable materials, C Halogenated solvent, E Isocyanate, G Waterbased, GR Latex paint, HG1/HG2/HG3/HG4 Mercury containing items, I1/ I2/ I3/I4/I5 Batteries, K1/K2/K3/K4 Acids, L Bases, M Oxidizers, N1/N2/N3/N4 Poisons, P1 Ballasts, PR1/PR2 Propane, Q1/Q2/Q3 Aerosols, R1/R2 Reactives, U Unknown, V PPE/contaminated debris, Z2 Oil.

Comments:



State of Oregon  
Department of  
Environmental  
Quality

## DEQ Mercury Waste Collection Application Form for Conditionally Exempt Hazardous Waste Generators

Collection Location: 6161 NW 61st Ave. Date 4/25/08

### 1. Generator Information

Ash Grove Cement Lime Plant  
Generator Name Type of Business

13939 N Rivergate Blvd.  
Mailing Address Site Address (if different)

Portland Oregon 97203  
City State Zip Code

Glenn Dollar (503) 286-1677 (503) 289-2272  
Contact Person Telephone Number Fax Number

### 2. Certification for Conditionally Exempt Generators

State and federal hazardous waste regulations limit the use of CEG hazardous waste collection programs to those businesses that generate 100 kilograms (220 pounds or approximately 25 gallons) of hazardous waste per month. Businesses that generate more than this amount must use a licensed hazardous waste hauler to manifest and transport their waste. Therefore, we are requesting that you sign the following certification before disposing of your waste at the collection event:

I certify that the business I am representing is a conditionally exempt hazardous waste generator that generates less than 220 pounds of hazardous waste and 2.2 pounds of acutely hazardous waste per month. I also certify that I have not accumulated more than 2,200 pounds of hazardous waste (2.2 pounds of acutely hazardous waste) at this time. I understand that I must pre-register before I can drop off my wastes at the collection event. I also understand that only the types and quantities of wastes listed on the Inventory Sheet(s) in Section 3 have been approved for disposal at the collection event. Finally, I understand that the state, local government, or contractor does not assume liability for my wastes, and that future liability remains with my business.

Glenn Dollar Glenn Dollar  
Authorized Representative (print or type) Signature of Authorized Representative

See page 2 for inventory of mercury waste items, which must be completed and returned with this application.

**3. Mercury Waste Inventory Sheet**  
**(Copy and use additional sheets if necessary.)**

Remember, you are limited to **no more than 2,200 pounds of conditionally exempt generator (CEG) waste**. Fluorescent lights (including fluorescent light tubes, mercury vapor bulbs and HID's) will not be accepted free of charge.

	Mercury Waste Description	Weight Estimate (Include total weight of mercury-containing device or compound)	Number (of thermometers, thermostats or switches)	For Official Use Only (leave this column blank)
	Elemental Mercury			
	Mercury Thermometers			
	Mercury Thermostats			
	Mercury Switches (including silent light switches)	2 ounces	21	
	Mercury Containing Compound (such as amalgams, mercurochrome, pesticides, etc.)  Specify*:			
	Sphygmomanometers (Blood Pressure Cuffs)			
	Dairy Manometers			
	Dental Mercury Traps			
	Barometers			
	Mercury Containing Batteries			
	Other: Specify*:			
	Total	42 ounces	21	

\*For "Other" and "Mercury-Containing Compound," describe in as much detail as possible wastes that you want disposed. The description should include the chemical and trade name, how you use the material, physical state (i.e., liquid, solid, sludge, gas), chemical characteristics (e.g., flammable/ignitable), and chemical constituents and percentages from the label or material safety data sheet (MSDS). **DO NOT** include wastes you do not want disposed nor containers of unknown waste substances. Please avoid mixing your wastes together.

ASH GROVE CEMENT

		# 0-93		# 0-80		# 5-14		# 102		# 6-12		#7-05								
		HOURS S.T	HOURS O.T	HOURS S.T	HOURS O.T	HOURS S.T	HOURS O.T	HOURS	HOURS	HOURS	HOURS	DAY	HOURS	DAY	DAY	RENTAL	DESCRIPTION	Total		
DATE	DESCRIPTION	SUPERVISOR		OPERATOR		TECHNICIAN		GEAR TRUCK	PICK UP	70 BBL V/T	120 BBL V/T	P.W.	HAZ LIGHT	STEAMER	PER DEIM	SUBSIS	10%			
Tank # 4																				
4/24/2005	load and mob, Reduction Tech																	mob equiptment and perdem	\$3,000	
4/24/2005	load and mob, Bellingham		5		6		7	4	4	4					3					
4/25/2005	set up clean from top	11.5		11.5		11.5		2	2	8			1		3		248.95		rescue equipment	
4/26/2005	enter and clean	13		13		13		2	2	8			4	1	3					
4/27/2005	supply inspector entry & rescue	9.5		9.5		9.5		2	2	4			4	1	3					
4/28/2005	clean out truck from tk #4			8		8		2		4			2		2					
4/29/2005	get 120 to store wash water			4.5		4.5		2							2					
5/3/2005	pump water from tank #6 to Frac	8		6.5		6.5		2	2						12					
	TOTAL HOURS	42	5	53	6	53	7	16	12	28		10	3		28					
	RATE PER HOUR / DAY	\$43.50	\$61.25	\$24.00	\$33.25	\$22.50	\$31.00	\$10.00	\$7.00	\$36.75	\$42.00	\$30.00	\$70.00	\$40.00	\$80.00	\$25.00				
	TOTAL \$	\$1,827.00	\$306.25	\$1,272.00	\$199.50	\$1,192.50	\$217.00	\$160.00	\$84.00	\$1,029.00	\$0.00	\$300.00	\$210.00	\$0.00	\$2,240.00	\$0.00	248.95		\$12,286.20	

		HOURS S.T	HOURS O.T	HOURS S.T.	HOURS O.T.	HOURS S.T.	HOURS O.T	# 0-93 HOURS	# 0-80 HOURS	# 5-14 HOURS	# 102 HOURS	# 6-12 HOURS	DAY	#7-05 HOURS	DAY	DAY	RENTAL	DESCRIPTION	Total
DATE	DESCRIPTION	SUPERVISOR		OPERATOR		TECHNICIAN		GEAR TRUCK	PICK UP	70 BBL V/T	120 BBL V/T	P.W.	HAZ LIGHT	STEAMER	PER DEIM	SUBSIS	10%		
Reduction Tech and Bellingham Support																			
4/26/2004	cancelled red not ready					4									1				
4/27/2005	supply steamer and operator			12										10		1			
	Reduction Tech Process	12																	
4/28/2005	supply steamer and operator			12										10		1			
	Reduction Tech Process	12																	
4/28/2005	supply steamer and operator			12										8	1				
	Reduction Tech Process	12																	
4/28/2005	supply steamer and operator					12								10		1			
	Reduction Tech Process	12																	
4/30/2005	supply steamer and operator				12									10		1			
	Reduction Tech Process	12																	
5/1/2005	supply steamer and operator				11									4		1			
	Reduction Tech Process	12																	
5/2/2005	supply steamer and operator					8										1			
	Reduction Tech Process	12																	
5/3/2005	supply steamer and operator	8				8										1			
	Reduction Tech Process			6		6													
5/4/2005	clean up Cid, reduction	6				5									1	1			
5/4/2005	clean up Cid, bellingham	6														1			
5/5/2005	pump mix tank back to Tk #6 & clean	12		12		24			1	8		8			4				
5/6/2005	finish clean mix tank demob	6		13		26		4											
5/6/2005	Demob Centrifuge																	demob equipment	1,000

		HOURS S.T	HOURS O.T	HOURS S.T	HOURS O.T	HOURS S.T	HOURS O.T	# 0-93 HOURS	# 0-80 HOURS	# 5-14 HOURS	# 102 HOURS	# 6-12 HOURS	DAY	#7-05 HOURS	DAY	DAY	RENTAL	DESCRIPTION	Total
DATE	DESCRIPTION	SUPERVISOR		OPERATOR		TECHNICIAN		GEAR TRUCK	PICK UP	70 BBL V/T	120 BBL V/T	P.W.	HAZ LIGHT	STEAMER	PER DEIM	SUBSIS	10%		
Tank # 6																			
4/29/2005	slurry and vacuum to remove product					12		2		4					1				
5/4/2005	clean gear slurry tank # 6	5		5		5		2	2						3				
5/11/2005	mob to Portland	5		5					5						2				
5/13/2005	Transfer/Load to Cascadia Tanking, Cascade	12		12					2		12				2		\$ 2,041.25	TFI Subcontract Trans	\$ 2,041.25
5/13/2005	clean tank, slurry and pump	9		9					2		9				2				
5/14/2005	slurry and pump		9.5		9.5				2		8				2				
5/15/2005	remove man way and heater		8.5		8.5				2		8				2				
5/16/2005	Disposal Cascade General								2								\$ 11,467.34	69,499 gal @ \$0.165/gal	\$ 11,467.34
5/16/2005	pump from man way	11		11		22		2	2	4	11	8			5				
5/17/2005	enter and clean	11		13		39		2	2	4	10	8			5				
5/18/2005	enter and clean	9		13		39		2	2	4	10	10			5				
5/18/2005	h tank clean	10		10		33.5		2	2	4	10	8			5				
5/30/2005	stand by for inspection clean gear demob	12		12		24		5	5								\$ 2,750.00	analytical	\$ 2,750.00
TOTAL HOURS		83	18	90	18	174.5	0	17	28	20	78	34	0	0	34	0			
RATE PER HOUR / DAY		\$43.50	\$61.25	\$24.00	\$33.25	\$22.50	\$31.00	\$10.00	\$7.00	\$36.75	\$42.00	\$30.00	\$70.00	\$40.00	\$80.00	\$25.00			
TOTAL \$		\$3,610.50	\$1,102.50	\$2,160.00	\$598.50	\$3,926.25	\$0.00	\$170.00	\$196.00	\$735.00	\$3,276.00	\$1,020.00	\$0.00	\$0.00	\$80.00	\$0.00			\$33,103.34

\$62,406.79

Labor Hours 848.5

Baker tank rentals

	mob	daily	daily (roll off)	demob	total
	\$140.00	\$56.00	\$20.00	\$140.00	
	4	30	36	4	
	\$560.00	\$1,680.00	\$720.00	\$560.00	<b>\$3,520.00</b>

Labor \$28,323.25  
Materials \$34,083.54  
Total \$62,406.79



September 22, 1995

Stan Webb  
ASHGROVE CEMENT  
P O Box 17200  
Portland, OR 97217

Dear Stan,

As to our conversation on the phone September 22, 1995 regarding 120 gallons of used oil that Sunwest picked up from your plant at 4098 N. Port Center Way on September 12, 1995.

The oil you generated is to be burned at Ashgrove Cement at 13939 N Rivergate Blvd. Portland, Or. 97203

Our EPA number is EPA# ORD 981-765-571.

Please call if I can be of further help.

Sincerely,

*Bruce R. Geis*  
Bruce R. Geis

# Waste Inventory Form

Refer to the attached instruction sheet for guidelines for completing this form

A Inventory number	B Chemical name or trade name/base chemical	C Active ingredients/ contaminants	D Metro use only (cost codes)	E Number and size of containers	F Amount in containers - specify in quarters (25%, 50%, 75% or 100%)
<b>Example</b>					
1	Drain opener	Sodium hydroxide		2 1 gallon	100%
2	Paint thinner	Toluene		1 1 gallon	50%
3	Paint stripper	Methylene chloride		1 5 gallon	75%
4	Aerosol paint	Petroleum distillate		14 12-ounce aerosol	25%
5	Weed killer	2,4 D		1 5 pounds	25%
AGC 1	Patching/cement	Petroleum distillate		1 gallon	100%
AGC 2	Paint	Methylene		1 gallon	75%
AGC 3	Paint	Alkyd Resin sol.		1 gallon	25%
AGC 4	Paint	distilled silica		1 gallon	<del>100%</del> 75%
AGC 5	Patching/cement	Petroleum distillate		1 gallon	50%
AGC 6	Paint	Alkyd Resin		1 gallon	100%
AGC 7	Paint	exsolter		1 gallon	25%
AGC 8	Paint	Glixcol Ethers		1 gallon	100%
AGC 9	Paint	Glixcol Ethers		1 gallon	100%
AGC 10	Paint	Glixcol Ethers		1 gallon	100%
AGC 11	Paint	Glixcol Ethers		1 gallon	100%
AGC 12	Reson Paint	Methylene chloride		5 gallon	50% = 2 1/2
AGC 13	Paint	Methylene chloride		5 gallon	1/3 % = 1/2
AGC 14	Paint	Methylene chloride		5 gallon	75% = 3
AGC 15	Paint	Methylene chloride		5 gallon	100%
AGC 16	Thinner	toluene		4 1/4 gallon	100%

Date \_\_\_\_\_ Page 1 of 1

Business/organization name Ash Grove Cement Company

Contact person/phone number Glenn Dollar 503 286 1677

Metro ID number

or circle pending

ext 423

# Appointment Schedule (CEG)

Page: 1

Metro Central Hazardous Waste  
6161 NW 61st Ave.  
Portland, OR 97210  
Phone: 223-8133 Fax: 223-8020

Metro South Hazardous Waste  
2001 Washington St.  
Oregon City, OR 97045  
Phone: 655-0480 Fax: 655-2699

Company: Ash Grove Cement Co.

Current Date: 9/11/2007

EPA/DEQ #: 2920

Inventory Date: 9/11/2007

Site: Central H2W

Appt Date: 9/12/2007

At: 10:00 AM

Payment: Cash

Credit Account:

Line #	Cost Code	# of Containers	Container Size	Units	% Full	Line Total
1	AF1	5	1.00	gal	100.00	\$26.00
2	AF1	2	1.00	gal	25.00	\$3.00
3	AF1	2	1.00	gal	75.00	\$8.00
4	AFL	2	1.00	ea	100.00	\$2.00
5	AF1	1	5.00	gal	50.00	\$13.00
6	AF1	1	5.00	gal	30.00	\$8.00
7	AF1	1	5.00	gal	75.00	\$19.00
8	AF1	1	5.00	gal	75.00	\$19.00
9	AF1	1	5.00	gal	100.00	\$26.00
10	AF1	1	4.25	gal	100.00	\$22.00
General and administrative cost:						\$0.50

Total weight: 222.13 lbs.

Subtotal: \$146.50

Scalehouse transaction fee: \$8.50

Total: \$155.00

Date Accepted: 9/12/07

Received by:  
(print)

Please Check



H2W copy



Scalehouse copy

Please keep this receipt for your records.  
Please pay when leaving facility.

## Legend:

AF1/AF2/AFL Flammable materials, C Halogenated solvent, E Isocyanate, G Waterbased, GR Latex paint, HG1/HG2/HG3/HG4 Mercury containing items, I1/I2/I3/I4/I5 Batteries, K1/K2/K3/K4 Acids, L Bases, M Oxidizers, N1/N2/N3/N4 Poisons, P1 Ballasts, PR1/PR2 Propane, Q1/Q2/Q3 Aerosols, R1/R2 Reactives, U Unknown, V PPE/contaminated debris, Z2 Oil.

Comments:

# Appointment Schedule (CEG)

Page: 1

**Metro Central Hazardous Waste**  
6161 NW 61st Ave.  
Portland, OR 97210  
Phone: 223-8133 Fax: 223-8020

**Metro South Hazardous Waste**  
2001 Washington St.  
Oregon City, OR 97045  
Phone: 655-0480 Fax: 655-2699

**Company:** Ash Grove Cement Co.

**Current Date:** 10/24/2007

**EPA/DEQ #:** 2920

**Inventory Date:** 10/23/2007

**Site:** Central H2W

**Appt Date:** 10/29/2007

**At:** 11:00 AM

**Payment:** Check

**Credit Account:**

Line #	Cost Code	# of Containers	Container Size	Units	% Full	Line Total
1	AF1	2	1.00	gal	100.00	\$10.00
2	AF1	4	1.00	gal	25.00	\$5.00
3	AF1	4	1.00	gal	100.00	\$21.00
4	AF1	4	5.00	gal	75.00	\$77.00
5	AF1	1	5.00	gal	100.00	\$26.00
General and administrative cost:						\$0.50

**Total weight:** 216.00 lbs.

**Subtotal:** \$139.50

**Scalehouse transaction fee:** \$8.50

**Total:** \$148.00

**Date Accepted:**

10/29/07

**Received by:**  
(print)



Please keep this receipt for your records.  
Please pay when leaving facility.

## Please Check

- ☒ H2W copy
- ☒ Customer copy
- ☒ Scalehouse copy

## Legend:

AF1/AF2/AFL Flammable materials, C Halogenated solvent, E Isocyanate, G Waterbased, GR Latex paint, HG1/HG2/HG3/HG4 Mercury containing items, I1/ I2/ I3/I4/I5 Batteries, K1/K2/K3/K4 Acids, L Bases, M Oxidizers, N1/N2/N3/N4 Poisons, P1 Ballasts, PR1/PR2 Propane, Q1/Q2/Q3 Aerosols, R1/R2 Reactives, U Unknown, V PPE/contaminated debris, Z2 Oil.

**Comments:**